

## Top K Frequent Elements [\(View\)](#)

Given an integer array `nums` and an integer `k`, return *the `k` most frequent elements*. You may return the answer in **any order**.

### Example 1:

Input: `nums = [1,1,1,2,2,3]`, `k = 2`

Output: `[1,2]`

### Example 2:

Input: `nums = [1]`, `k = 1`

Output: `[1]`

### Constraints:

- `1 <= nums.length <= 105`
- `k` is in the range `[1, the number of unique elements in the array]`.
- It is **guaranteed** that the answer is **unique**.

**Follow up:** Your algorithm's time complexity must be better than  $O(n \log n)$ , where `n` is the array's size.